

Date: Wed, 3 Feb 93 17:38:27 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #163
To: Info-Hams

Info-Hams Digest Wed, 3 Feb 93 Volume 93 : Issue 163

Today's Topics:

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2m FM xmitter plans needed
30m qrp kit: comments?
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NiMH Battery source? (2 msgs)
Real NoCodes
ROMANCE IN ARKANSAS
Why won't any Deleware (or Maine) sta. QSL?
Why won't any Deleware station QSL?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 3 Feb 93 17:43:34 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!zaphod.mps.ohio-state.edu!
uwm.edu!logicse!flop.ENGR.ORST.EDU!prism.CS.ORST.EDU!kayd@network.UCSD.EDU
Subject: 2 meter HT amplifiers
To: info-hams@ucsd.edu

What is a good source for kit or pre-built 20-30 watt 2m amps? I'm thinking of putting something together for my mobile and have not been able to find anything in the cheap to affordable parts of the spectrum...

Darrek Kay
Kayd@Prism.cs.orst.edu
(503)737-9410

Date: Wed, 03 Feb 93 16:04:19 GMT
From: elroy.jpl.nasa.gov!orchard.la.locus.com!prodnet.la.locus.com!
atlas.la.locus.com!dana@ames.arpa
Subject: 2m FM xmitter plans needed
To: info-hams@ucsd.edu

In article <1kl5g3INNfac@mojo.eng.umd.edu> tedwards@eng.umd.edu (Thomas Grant Edwards) writes:

>Hi! At the University of Maryland Amateur Radio Association, we
>have a bunch of new no-coders who we'd like to hook up with 2m FM
>rigs so they can use the club repeater.
>
>We're looking for plans for easy-to-construct and hopefully cheap QRP
>FM voice xmitters for 2m. Can anyone give a reference to plans for
>such a beast (we have access to QST,73,Ham Radio, and CQ).
>We'd especially like to hear personal thoughts on which plans would be
>best for use.

I'd suggest that new hams, unless they already have experience constructing VHF gear, are better off building kits than from scratch.

With that said, I'd still strongly suggest that each and every kit built 2m radio be checked out using a spectrum analyzer/service monitor.

With that said, the Ramsey 2m radio kit costs nearly as much as an Alinco DR-1200, and the DR-1200 is fairly fully featured, much more so than the Ramsey.

Good luck!

--

* Dana H. Myers KK6JQ | Views expressed here are *
* (310) 337-5136 | mine and do not necessarily *
* dana@locus.com DoD #466 | reflect those of my employer

*

* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 3 Feb 93 11:36:01 CST
From: news.cerf.net!netsys!agate!spool.mu.edu!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!menudo.uh.edu!ccsvax.sfasu.edu!
f_speerjr@network.UCSD.EDU
Subject: 30m qrp kit: comments?
To: info-hams@ucsd.edu

I'm think of putting together the British 30 meter QRP CW tranceiver kit now being marketed in the U.S. (sorry to be so vague, but references are not handy at the moment; I suppose informed readers will know what I'm referring to). Thought I'd build up a phased array of 30m verticals and try to work some QRP DX.

Does anyone have any experience with these kits? Do they go together all right? Do they work well?

I'll appreciate any comments. Thanks!

James R. Speer
Department of Psychology
Stephen F. Austin State University
Nacogdoches TX 75962-3046
Phone: 409 568 1478
Fax: 409 568 2190
E-mail: F_SPEERJR@ccsvax.sfasu.edu
Ham Radio: K5YUT

Date: 4 Feb 93 00:40:05 GMT
From: news-mail-gateway@ucsd.edu
Subject: [ANS] 2 meter HT amplifiers
To: info-hams@ucsd.edu

>I would appreciate any and all information of HT amplifiers. What brands
>, best prices, best places to buy one. I would like to get at least
>an 8 to 1 amplification, but 10 to 1 would be preferable.
>

Try the Diawa L2080H. It takes 1 to 5 watts input and produces 80 watts output. My IC-2AT at 1.5 watts has been driving one for three or four years now. EEB in Vienna VA (they have an 800#) has them on the shelf.

K1ZAT

Date: 4 Feb 93 01:11:46 GMT
From: news-mail-gateway@ucsd.edu
Subject: [ANS] Club callsigns
To: info-hams@ucsd.edu

Another in the Puget Sound area (Renton, WA):

K7LED -- Kilowatt 7 Light Emitting Diode

The Mike and Key Amateur Radio Club.

Listen for us on Field Day!

72/73 Kevin, N7WIM / G8UDP
a-kevinp@microsoft.com

Date: 3 Feb 93 12:41:57 -0500
From: vax.muskingum.edu!re_sims@sun.com
Subject: C558 Out of band frequency limits?????
To: info-hams@ucsd.edu

hello,

can someone please tell me the actual
frequency limits (rx and tx) after
modifying the 558?

Thanks in advance

Jim N4JDP at:

re_sims@vax.cns.muskingum.edu

Date: Wed, 3 Feb 1993 15:17:21 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!howland.reston.ans.net!
usenet.ins.cwru.edu!gatech!concert!unccsun.uncc.edu!ws149!
jeplyler@network.UCSD.EDU
Subject: Can scanners pick up CORDLESS phones ?
To: info-hams@ucsd.edu

In article 7Mu@panix.com, schuster@panix.com (Michael Schuster) writes:
In article <1993Feb1.225817.7591@gw.wmich.edu> 315nikorawal@gw.wmich.edu writes:
>Hi,

>

> I would like to know on what frequencies do cordless phones
>operate ??? Can a scanner pick up these frequencies ?

They can pick up the semi-old style 46/49 MHz phones, provided they
don't use inversion scrambling. Scan from 46.61-46.97 MHz in 20 KHz
increments.

I'm not TOTALLY positive, but, I think the new 900Mhz phones are supposed to be in
the band allocated for ham purposes(although i've NEVER seen a rig for it). Try
902-928 Mhz.

Date: Wed, 03 Feb 1993 14:58:37 GMT
From: saimiri.primite.wisc.edu!zaphod.mps.ohio-state.edu!howland.reston.ans.net!
spool.mu.edu!mixcom.com!kevin.jessup@ames.arpa
Subject: DJ-580T scan and a question.
To: info-hams@ucsd.edu

In <C1soAL.AAF@avalon.nwc.navy.mil> erik@peewee.nwc.navy.mil (Erik van Bronkhorst
Code 3814 Phone 939-1421) writes:

>I was disappointed to experience EXACTLY the same behavior from my
>newly purchased DJ580T. FORTUNATELY as soon as I made the extended
>receive mod (documented in the manual) the program scan on UHF suddenly worked!

I had not played with the programmable scan mode prior to doing the
aircraft mod. I just performed the aircraft/800MHz mod last night and
as long as I was playing around, decided to check out programmed scan.
It worked just fine!

There is also an extended frequency range mod (you cut the blue jumper).
Has anyone tried this? Exactly what range of freqs does it give you
and is there any sensitivity/selectivity worth mentioning in those
ranges?

Also, does performing either of the two DJ-580 mods cause any LOSS of
performance in the HAM bands??

--

Kevin Jessup, kevin.jessup@mixcom.mixcom.com

"Friends don't let friends run DOS."

-- Microware

Date: Wed, 3 Feb 1993 13:44:46 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!howland.reston.ans.net!
bogus.sura.net!udel!gatech!emory!rsiatl!ke4zv!gary@network.UCSD.EDU
Subject: Heavy fist on 20 meters.
To: info-hams@ucsd.edu

In article <1993Feb2.110626.23854@hemlock.cray.com> dadams@cray.com writes:

>
>Wait a minute here. I know chimps and gorillas can be taught sign language,
>but to teach morse, first you have to teach them to read and write and spell.
>Isn't that kind of a jump?

Spell? You mean CW ops can spell? :-) :-)

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: Wed, 3 Feb 1993 17:31:11 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!sdd.hp.com!
hpscit.sc.hp.com!icon.rose.hp.com!cmooore@network.UCSD.EDU
Subject: MFJ 1278 Rom upgrade time??
To: info-hams@ucsd.edu

Owen M. Hartnett (omh@cs.brown.edu) wrote:

: Recent ads for the MFJ 1278 Multimode controller indicate that the
: company has made an upgrade to the ROMS (seems that way to me, anyway).

: Since I have a coupon for a free upgrade, is now a good time to tender
: the coupon and upgrade. I guess what I am really asking is: has anyone
: tried out this new ROM and do you get a significant benefit from it?

: I've found performance of my 1278 somewhat disappointing and hope that
: when I do upgrade the ROM, I will find a better performing set.

I was wondering about that too...they gave us the certificate for the ROM
upgrade, but how do you know when there is something to upgrade to?

Also, I wonder if you could elaborate on what you find disappointing about
the 1278. It's the only TNC I've used, so I have nothing to compare it to
and I wonder what I'm missing. I've heard others say they didn't like the

MFJ, but I don't know why.

Chris Moore
N6IYS
cmoore@mothra.rose.hp.com

Date: 3 Feb 93 12:51:58 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Mobile rig in Camry
To: info-hams@ucsd.edu

In article <1kol2fINN3rs@bigbird.csd.scarolina.edu>,
dfrey@bigbird.csd.scarolina.edu (David Frey) wrote:
> There was a thread here several months ago concerning the Toyota Camry's
> computer being susceptible to RF from a mobile rig.

David-

I think the thread got started about a year ago. I saw many postings on the FIDO BBS Ham echo at that time.

It seems that the computer goes into some kind of loop and can't get back to its normal routine, when it gets too much RF. At that time, someone took one apart, and discovered there was absolutely no filtering of the leads going to the computer. He made a jury-rig filter on each lead, and claimed to have solved his problem.

The magnitude of the problem may be overblown. Reports indicate that merely resetting the computer's CPU will correct the problem. However, most service departments weren't aware of that, and insisted on replacing the \$1000 computer.

Toyota has known of the problem for at least the past year. They certainly knew early enough to include the warning in the owner's manual. Now, it remains to be seen whether they consider it serious enough to correct. Although the percentage of affected customers must be quite small, they may have fixed it, and kept the warning in the manual to cover themselves. It might also take a couple of years to implement changes.

My 86 Camry has not had a problem. I run a fairly "dirty" installation, with a 100 watt HF rig connected to a monster magnet-mount antenna on the roof. It uses the Hustler mast and resonators, 75 through 10 meters. I also have 50 watts on 6 meters, 45 watts on 2 meters and 35 watts on 440 MHz, all using magnet-mount Larsen antennas. My Camry is still fairly new, with only 120,000 miles. I'm in no hurry to get a new one, so I can wait until I'm sure they've fixed their problem!

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: Wed, 3 Feb 1993 15:10:51 GMT
From: agate!usenet.ins.cwru.edu!gatech!concert!unccsun.uncc.edu!ws149!
jeplyler@ames.arpa
Subject: Mods available via FTP?
To: info-hams@ucsd.edu

Date: Wed, 3 Feb 1993 15:02:48 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!sol.ctr.columbia.edu!
emory!rsiatl!ke4zv!gary@network.UCSD.EDU
Subject: More on No-Code -- Will this never cease?
To: info-hams@ucsd.edu

In article <1101@arrl.org> ehare@arrl.org (Ed Hare - KA1CV) writes:
>

>Attaining 20 words per minute for the additional CW privileges
>given for the US Extra Class operator makes sense. On the other
>hand, it does NOT make sense to me to require 20 words per minute
>for the phone privileges given to the Extra. I think the license
>structure would make more sense if the additional CW requirement
>were for additional CW privileges only. Of course, I can say
>this because (being 99% CW), I pay little heed to what happens in
>the upper part of the HF ham bands. :-).

Well I agree with this part of your statement. I'm not so sure that international requirements for Morse proficiency, and I do agree that it takes mastering higher speeds than 5 WPM to be proficient, are relevant to all HF operators. I suspect that many never pick up the key again after passing the test. With the dropping of Morse by the Coast Guard in compliance with international maritime regulations, we've seen the passing of the last vestige of Morse everywhere but in ham licensing. I think it's only a matter of time, probably the next competent WARC, before the HF code requirement is dropped for amateurs. Then Morse will just be one more specialty mode practiced by interested amateurs. Nothing wrong with that, some of us still play with AM too. Great bang for the buck.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: Wed, 3 Feb 1993 17:34:05 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!sdd.hp.com!
hpscit.sc.hp.com!hplextra!rigel!pau11@network.UCSD.EDU
Subject: NiMH Battery source?
To: info-hams@ucsd.edu

Here are three sources for NiMH Batteries: (There are many others)
(From Electronic Products, Dec. 1992.)

Sanyo Energy (USA) corp. (619) 661-6620
San Diego, CA.

Gates Energy Products, Inc. (904) 462-3564
Portable Battery Div.
Gainesville, FL.

House of Batteries (800) 432-3385
Huntington Beach, CA.

You should check out the technical details of NiMH batteries. They are not 100% like NiCads and from the articles I've read may not be directly interchangeable. The voltages are the same and the current capacity is higher (700mah vs 1000mah), but the charging system may not be compatible. NiMH batteries are more expensive and have a higher self-discharge rate than NiCads.

However, NiMH technology is still in it's infancy. I wouldn't mind having some of them in HTs

Good Luck.
Rob P /WE6B

Date: Wed, 3 Feb 1993 17:28:23 GMT
From: panix!schuster@nyu.arpa
Subject: NiMH Battery source?
To: info-hams@ucsd.edu

In article <16234@lupine.ncd.com> phil@hansen1.ncd.com (Phil Graham) writes:
>Has anyone seen a source for NiMH batteries?

>

>I would like to get some 'AA' type for my radios...

You might want to think twice.

Charging circuits designed for NiCD batteries don't even get 50% of the
rated capacity out of NiMH cells.

--

-----Mike Schuster-----

NY Pub. Access UNIX/Internet: schuster@panix.com | 70346.1745@CompuServe.COM
The Portal (R) System: schuster@shell.portal.com | MCI Mail,Genie: MSCHUSTER

Date: Mon, 1 Feb 1993 15:15:44 GMT

From: news.cerf.net!netsys!agate!linus!progress!damelio@network.UCSD.EDU

Subject: Real NoCodes

To: info-hams@ucsd.edu

damelio@progress.COM (Stephen D'Amelio) writes:

>YES he does business with your company. Oops, used to.

>You may have to explain why your company lost our business.

>(actually it's one of our VAR's that is your customer)

MY MISTAKE!!! It wasn't your company, but one with
a very similar name in MA. At any rate, it would
seem to be a bad business practice to get too
insulting on this network. In today's very competitive
computer business world, you need all the friends
you can get. Even though your opinions may be your
own and not the company's, it's all perception today.
You catch more bees with honey than vinegar, and
probably make more money too.

Date: 3 Feb 93 11:49:00 GMT

From: news.cerf.net!netsys!agate!spool.mu.edu!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!moe.ksu.ksu.edu!engr.uark.edu!mbox.ua1r.edu!chaos!
paul.graziani@network.UCSD.EDU

Subject: ROMANCE IN ARKANSAS

To: info-hams@ucsd.edu

St. Valentines Day Special Event Station

The Metropolitan Amateur Radio Club of central Arkansas will operate a special event station on Sunday February 14 from 1500z to 2300z from Romance, Arkansas under the call sign N5RLJ (phonetics will be November 5 Romeo Loves Juliet). Operation will be on SSB in the General class phone band 40, 20, and 15 meters and the 10 meter Novice/Technician phone band depending on propagation. VHF contacts will be made on the 146.07/67 WB5GFA repeater.

QSL with ssase via P.O. Box 1793, North Little Rock, Arkansas 72115. For a certificate please send \$1.00.

Happy Valentines Day and 73,
Paul Graziani WD5BIV

Date: 3 Feb 93 12:55:38 -0500
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!sdd.hp.com!
zaphod.mps.ohio-state.edu!darwin.sura.net!guvax.acc.georgetown.edu!
roakley@network.UCSD.EDU
Subject: Why won't any Delaware (or Maine) sta. QSL?
To: info-hams@ucsd.edu

In article <C1uMsM.M43@acsu.buffalo.edu>, v111qheg@ubvmsb.cc.buffalo.edu (P.VASILION) writes:
> How come, after a good many CW and SSB QSO's has not one Del. station returned
> a QSL card request? Are not any of you proud of your call? :-)
>
>
I have had the same problem with Maine.

Bob

+++++

Robert L. Oakley (Bob)	PHONE:	(202) 662-9160
Georgetown Univ. Law Library	FAX:	(202) 662-9202
111 G Street, N.W.	BITNET:	ROAKLEY@GUVAX.BITNET
Washington, D.C. 20001	INTERNET:	ROAKLEY@GUVAX.GEORGETOWN.EDU
	ARS:	WK3C

+++++

Date: Wed, 3 Feb 1993 15:34:04 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!cs.utexas.edu!uwm.edu!
linac!att!cbnewsm!jeffj@network.UCSD.EDU
Subject: Why won't any Delaware station QSL?
To: info-hams@ucsd.edu

In article <C1uMsM.M43@acsu.buffalo.edu> v111qheg@ubvmsb.cc.buffalo.edu
(P.VASILION) writes:
>How come, after a good many CW and SSB QSO's has not one Del. station returned
>a QSL card request? Are not any of you proud of your call? :-)
>
>73 de Peter KB2NMV

I sent a SASE to the station that worked me when I called CQ DE. Got it back
about 2 weeks later. One of the last states I needed for CW WAS. I would
suggest that you try that as the rare states are almost like rare DX
and get a lot of requests for QSLs. Maybe we'll have to start sending
green stamps? 8-)

73!

Jeff

--

Jeff Jones AB6MB | Hooker : I'll do anything for \$50!
jeffj@seeker.mystic.com | Henny Youngman: Will you paint my house?
Infolinc BBS 415-778-5929 |

Date: Wed, 3 Feb 1993 16:56:31 GMT
From: news.cerf.net!netsys!agate!spool.mu.edu!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!saimiri.prima.wisc.edu!caen!nic.umass.edu!umassd.edu!
ulowell!das.wang.com!wang!dbushong@network.
To: info-hams@ucsd.edu

References <1993Jan28.211130.16685@nnnnpd2.cxo.dec.com>,
<1993Jan29.233654.29325@newshost.lanl.gov>, <C1r82s.A7x@unccsun.uncc.edu>
Subject : Re: My call sign : (

wlhamaty@unccsun.uncc.edu (W Luke Hamaty) writes:

>In article <1993Jan29.233654.29325@newshost.lanl.gov> tjf@beta.lanl.gov (Tom J
Farish) writes:
>>By the way, the operator priviledges listing

>>is just "technician"...no indication that I
>>did in fact pass the 5 WPM test. Do I have
>>to keep my certificate of completion with the
>>license is there no distinction on the license
>>itself? I passed the written and code tests
>>the same session.

>Yes, you do have to keep the CSCE indefinitely, or at least until you get
>your General.

It depends on what he wants to do. If the FCC cites him for operating
beyond his privileges, they have the burden of proof that he is
operating illegally. In such a case, they would produce the 610
and whatever test materials they had, and thereby he'd be cleared.
In order to upgrade to General, he would have to take a new code
test (13 wpm) so the CSCE for 5 wpm would have no value. Probably
the only thing he would need the CSCE for is if he want to guest
operate somewhere and needed to show that he was authorized.

>Congratulations and enjoy! What is the callsign?

Same here - congrats!

73,
Dave
kz1o
--

Dave Bushong, Wang Laboratories, Inc.	Amateur Radio Callsign KZ10
Project Leader, OCR products	kz1o@n0ary.#noca.ca.na
Internet: dbushong@wang.com	

End of Info-Hams Digest V93 #163
